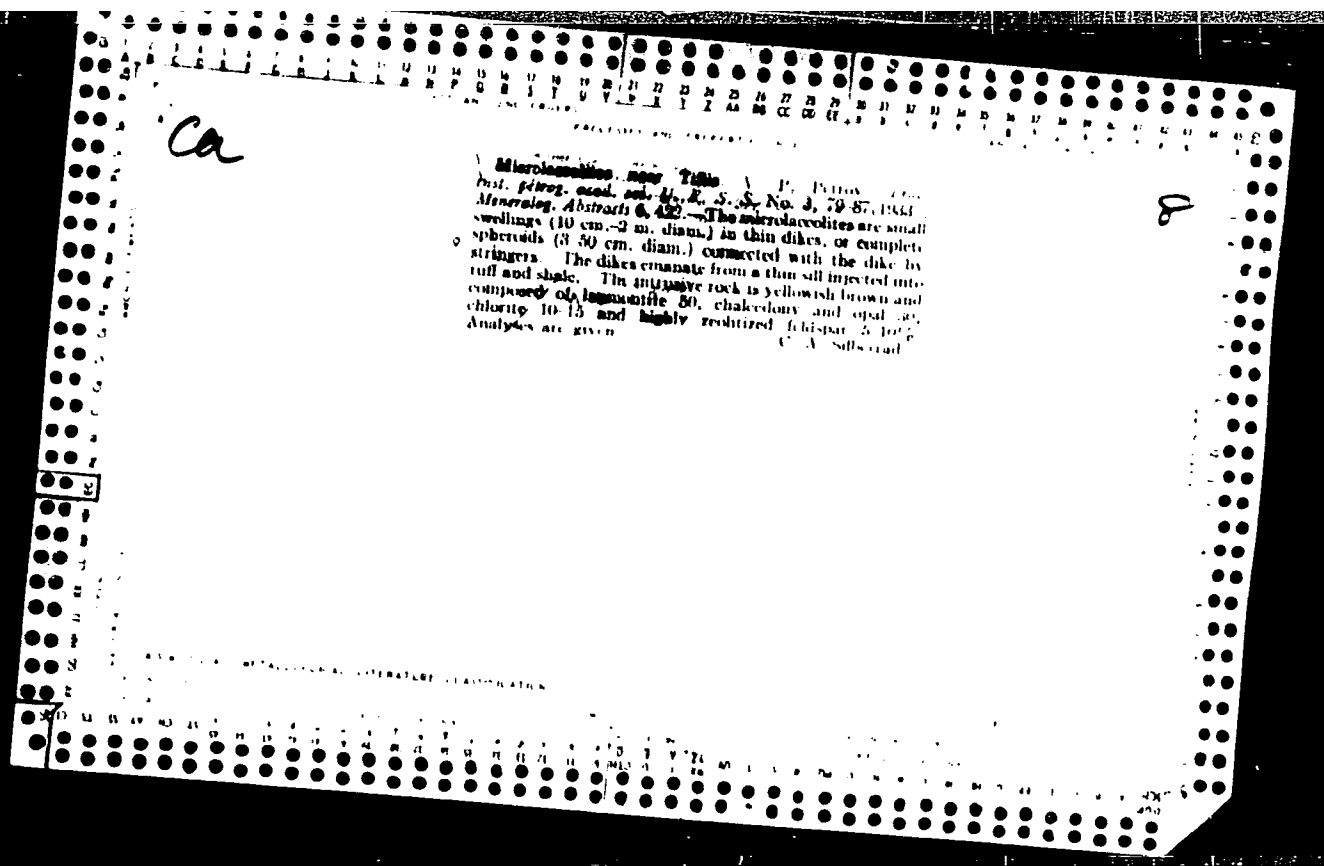


ANDREYEV, Yu.F.; VOLCHEK, I.I.; YEREMEYEV, V.P.; PETROV, V.P.;
TOKMAKOV, P.P.

Asbestos potential of the U.S.S.R. Zakonom. razm. polezn.
iskop. 6:113-152 '62. (MIRA 16:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR i Ministerstvo geologii i
okhrany nedr SSSR.

(Asbestos)



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26																									
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
CA Sulfur deposits in Trusov gorge, Caucasus. V. P. Petrov. <i>Izv. inst. petrolog. i mineralog.</i> 6, 426-7. These deposits are formed from sulfur springs, the action of which on the shale has produced gypsum and keramohalite. This latter forms show white radial aggregates, compn: Al₂O₃ 15.08, Fe₂O₃ 0.02, FeO 0.85, MgO 0.70, SO₃ 30.01, H₂O 42.39, mol. 2.580, d 1.479, n 1.490. C. A. S.																									
ASB SLA METALLURGICAL LITERATURE CLASSIFICATION RECORD NO. 1																									
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									

2

Artificial cassiterite from the Krasny Wylorachets
 works. V. P. Petrov. *Trav. inst. petrogr. acad. sci.
 U. R. S. S. 4, 61-3(1933); Neues Jahrb. Mineral. Geol.,
 Referate I, 1935, 48. Optical and crystallographic data
 are given. I. F. Schairer*

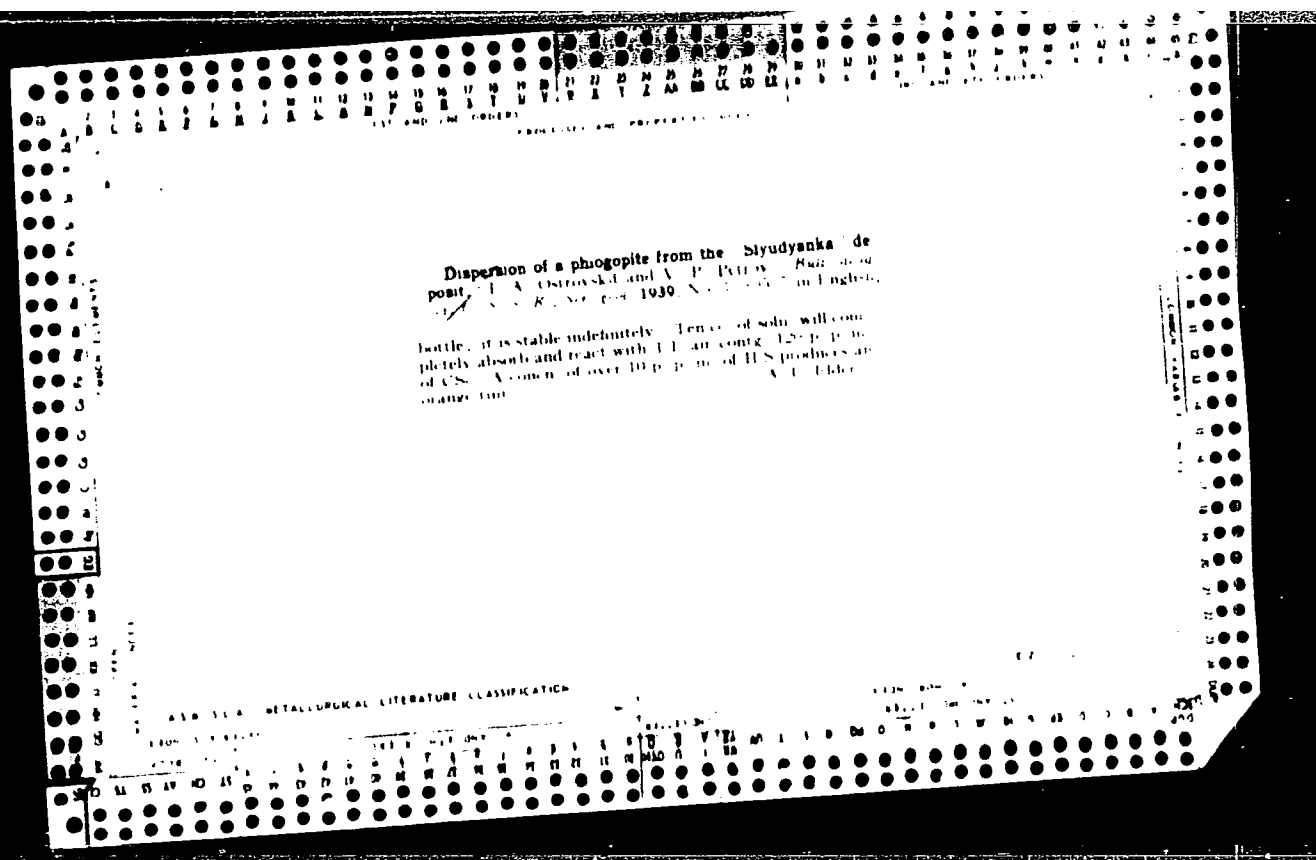
ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

cr

Crinoidalite in rocks of the Caucasus. D. S. Belvankin and V. P. Petrov. *Bull. Acad. Sci. USSR Div. Geol. and Math. Sci., Ser. Biol.* 1936, 10, 10. *Mineralog. Zhurn.* 7, 24. Descriptions of 23 occurrences in basalt, andesite, trachyandesite, trachyte and dacite are given.

ASS-55A METALLURGICAL LITERATURE CLASSIFICATION

ALPHABETIC INDEX																									
A-Z													0-9												
First nephelite syenite in Transcaucasia. D. S. Belvankin, A. P. Petrov and R. P. Petrov. <i>Geol. iazd. i razv.</i> R. S. S. R. 19, 7, 1968, in English. A report with petrographic description is given of nephelite syenite observed in Transcaucasia for the first time in the summer of 1966. The chemical composition: SiO_2 52.24, FeO 0.56, Al_2O_3 20.77, CaO 1.64, Na_2O 1.85, MnO 0.22, MgO 0.62, BaO 0.10, K_2O 0.89, Na_2O 4.48, K_2O 7.90, H_2O 0.54, total loss 1.68, FeO 0.12, CaO 0.47, SiO_2 41.02, total 99.79%, is accompanied by a very common variety, as are the chief chemical compounds: feldspar, nephelite, clinopyroxene, scapolite, plagioclase, amphibole, pyroxene, magnetite.																									
ASB 55.4 METALLURGICAL LITERATURE CLASSIFICATION																									



Hibschite in Georgia D. S. Belyankin and V. P.
Petrov. *Compt rend. acad. sci. U. R. S. S.* 24, 319-32
(1939) (in English) - A mineralogical characterization
and optical const. of Caucasian hibschite are followed by
an analysis of the mineral A. H. Krappe

[illegible]

PETROV, V.P.

Present-day status of concepts on magma and the problem of
granite. Izv. AN SSSR Ser. geol. 29 no.3:3-21 Mr '64
(MIRA 1964)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mi-
neralogii i geokhimii AN SSSR, Moskva.

PETROV, ~~V. P.~~ V. P.

Belyarkin, L. S., Lapin, V. V., and Petrov, V. P. Certain Peculiarities of Mineralogical Composition of Ural Refractory Clays.
Bull. acad. sci. U.S.S.R., Ser. Geol., 1962 [5-6] 75-82 (English summary, 81 - 82).-- The general characteristics of the main types of Ural refractory clays are given, together with heating curves. Kaolinite, the prominent component of refractory clays, is more displaced to a varying degree by minerals transitional to micas--monothermite and hydromuscovite.

ABDULLAYEV, Khabib Mukhamedovich, laureat Leninskoy premii, akademik (1912-); MAVLYANOV, G.A., akademik, glav. red.; BAYRUKHAMEDOV, Kh.N., doktor geol.-miner. nauk, prof., otv. red. тома; KIMKABAYEV, I.Kh., doktor geol.-miner. nauk, red.; BORISOV, O.M., kand. geol.-miner. nauk, red.; GOR'KOVY, O.P., kand. geol.-miner. nauk, red.; KUCHUKOVA, M.S., kand. geol.-miner. nauk, red.; MATSOKINA, T.M., kand. geol.-miner. nauk, red.; MUSIN, R.A., kand. geol.-miner. nauk, red.; PETROV, N.P., kand. geol.-miner. nauk, red.; LYUBETSKAYA, R.Kh., red.; NURATDINOVA, M.R., red.

[Collected works] Sobranie sochinenii. Tashkent, Izd-vo "Nauka" UzSSR. Vol.1. 1964. 493 p. (MIRA 17:6)

1. AN Uzbekskoy SSR i chlen-korespondent AN SSSR (for Abdullayev). 2. AN Uzbekskoy SSR (for Mavlyanov).

GUDKOV, A.S.; KIYEVLENKO, Ye.Ya.; KONDRASHEV, S.N.; YERMAKOV,
N.P., retsenzent; LAZ'KO, Ye.M., retsenzent; PETROV,
V.P., retsenzent; TATARINOV, P.M., retsenzent;
KHOTENK, M.K., retsenzent; MAKSIMOV, A.A., nauchn. red.;
FEDYUK, V.I., nauchn. red.

[Fundamentals of prospecting for piezo-optic mineral de-
posits] Osnovy poiskov i razvedki mestorozhdenii p'ezo-
opticheskikh mineralov; metodicheskoe rukovodstvo. Mo-
skva, Gosgolttekhizdat, 1963. 217 p. (MIRA 17:6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1ST AND 2ND COLUMNS

PROCESSES AND PROPERTIES INDEX

CP

Leucite rocks of the Transcaucasian region. V. P. Petrov. Bull. acad. sci. U.R.S.S., Str. geol. 1947, No. 27-34; Chem. Zentr. 1947, 11, 878. — The effusive leucite rocks of Ajaria, Gurien, and the Pambak mountains are described. These are found in the upper horizons of the porphyrite strata of the Eozinc era. Seven chemical analyses are reported. M. G. Moore

ASD SLA DETALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

SMIRNOV, B.V., doktor tekhn.nauk, prof.; PETROV, V.P., inzh.

Transmission of remote control signals using high-voltage distribution lines with zero-sequence network. Elektrichestvo no.9:27-33 S '63.
(MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva.

YEREMEYEV, V.P.; MERENKOV, B.Ya.; PETROV, V.P.; SOKOLOVA, L.A.

Genesis and distribution of chrysotile-asbestos deposits as a
form of contact effect exerted by granitoids on ultrabasic rocks.
Trudy IGEM no.31:19-35 '59. (MIRA 12:7)
(Asbestos)

PETROV, V.P.

Geologic-mineralogic investigation of the white clays of the Ural. Trudy
Inst. Geol. Nauk No.95, Petrograf. Ser. No.29, 199 '48. (MLRA 4:12)
(CA 47 no.21:11088 '53)

1. PETRCV, V. P.
2. USSR (600)
4. Geology and Geography
7. Prominent Russian Mineralogists. By D. P. Grigor'ev and I. I. Shafrancvskiy.
(Popular Scientific Series, Moscow-Leningrad, Press of Acad Sci USSR, 1949).
Reviewed by V. P. Petrov. Sov. Kniga, No. 6, 1950.

9. [REDACTED] Report U-3081, 16 Jan. 1953. Unclassified.

BELYANKIN, D.S., akademik; PETROV, V.P.

Cristobalite and its crystallization in certain rocks of
Transcaucasia. Trudy Min.muz.no.1:18-25 '49. (MLRA 9:6)
(Transcaucasia--Cristobalite)

PETROV, V. P.

"The Nature of Askan Clays and Their Gangues," Dokl. AN SSSR, 68, No.2, 1949

Inst. Geol. Sci., AS USSR

Inst. Geochem. & Analyt. Chem. im. Vernadskiy, AS USSR

PETROV, V. P.

USSR (600)

Feldspar - Volynya

Volynya gabbro-labradorites and the problem of kaolinization of plagioclases.
Trudy Inst. geol. nauk AN SSSR No. 106, 1949.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

BELIANKIN, ACAD. D. S.; VESELOVSKAYA, M. M.; PETROV, V. P.

USSR (600)

Kounrad - Muscovite

Sericite of secondary quartzites of Kounrad, Trudy Inst. geol. nauk AN SSSR No 106, 1949.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. SIBUKHIN, D. V.; PETROV, V. P.
2. USSR (600)
4. Physics and Mathematics
7. Optical Crystallography, A. V. Shubnikov. (Acad Sci USSR Institute of Crystallography, Moscow-Leningrad, Acad Sci USSR Press, 1950). Reviewed by D. V. Sibukhin, V. P. Petrov, Sov. Kniga, No. 7, 1952.

9. ~~Report~~ Report U-3081, 16 Jan 1953, Unclassified.

1. PETROV, V. P.
2. USSR (600)
4. Geology and Geography
7. Ye. S. Federov (Crystallographer), I. Shafranovskiy. (Acad Sci USSR, Moscow-Leningrad, Press of Acad Sci USSR, 1951). Reviewed by V. P. Petrov, Sov. Kniga, No. 4, 1952.

9. [REDACTED] Report U-3081, 16 Jan 1953, Unclassified.

BELYANKIN, D.S.: PETROV, V.P.; MANINA, M.P., tekhnicheskiv redaktor

[Optical crystallography] Kristallooptika. Izd. 2-e, isprav. i
dop. Moskva, Gos. izd-vo geologicheskoi lit-ry, 1951. 126 p.
[Microfilm] (MLFA 8:7)
(Crystallography)

PETROV, V. P.

U.S.S.R.

Analcline and leucite in the volcanic Rocks of Talysh.
Dr. S. Delvankin, N. V. Samoilova, and V. P. Petrov.
Trudy Mineral. Akad. Nauk S.S.S.R. 1951, 5-6 (1951).--In the northern Caucasus, trachytes have
been repeatedly described, e.g., near Kura-ba-Kutals, and
in the campolites of the Akhalsikh district, and in Georgia
in the Kodora-Nasakeral'ik mts. (Delvankin, et al.,
C.A. 34, 4882). All of these rocks carry feldspathoids,
which had been described as leucite, as characteristic for the
Eocene volcanism of the N. Caucasus. To this group be-
long leucite lavas of the Talysh complex, which are con-
nected with analcline basalts and andesites in 4 big lava
effusions of a thickness of up to 1000 m. with their tuffs.
The lava rocks are of porphyritic structure, with analcline
sanidine, eugite, magnetite, and analcline in well-developed
isometric crystals, and a glass matrix, with accessory apatite.
In the planimetric analysis the analcline content varies be-
tween 10 and 24%. The chem. analysis shows 2.84-3.74%
Na₂O; 3.77-5.71% K₂O. The analcline crystal, apparently
as a primary magmatic mineral, including crystals of K
feldspar, is 1.484 to 1.491 (most frequently 1.487). Leucite
(n 1.507) was only observed once and identified as such.
It is assumed that this leucite was also of primary origin,
but in a late-magmatic stage. The rock complex of Talysh
is very similar to the analcline leucite rocks of the Highwood

(over)

AFANAS'YEV, G.D., doktor geologicheskikh-mineralogicheskikh nauk, redaktor;
BARSANOV, G.P., redaktor; VOROB'YEVA, O.A., redaktor; ZALESSKIY, B.V.,
redaktor; LAPIN, V.V., redaktor; LEBEDEV, A.P., redaktor; NALIVKIN,
V.V., akademik, redaktor; PETROV, V.P., redaktor; TSVETKOV, A.I.,
redaktor; DOLGOPOLOV, N.N., "soostavitel".

[Problems in petrology and mineralogy] Voprosy petrografii i minera-
logii. Vol. 1, Moskva, 1953. 515 p. (MIRA 7:4)

1. Akademiya nauk SSSR.

(Petrology) (Mineralogy)

PETROV, V.P.

AFANAS'YEV, G.D., doktor geologicheskikh-mineralogicheskikh nauk, redaktor;
BARSANOV, G.P., redaktor; VOROB'YEVA, O.A., redaktor; ZALESSEKIY, B.V.,
redaktor; LAPIN, V.V., redaktor; LEBEDEV, A.P., redaktor; MALIVKIN,
V.V., akademik, redaktor; PETROV, V.P., redaktor; TSVETKOV, A.I.,
redaktor; DOLGOPOLOV, N.N., sostavitel'.

[Problems in petrology and mineralogy] Voprosy petrografii i mineralo-
logii. Vol. 2, Moskva, 1953. 496 p. (MLRA 7:4)

1. Akademiya nauk SSSR.

(Petrology) (Mineralogy)

PETROV, V.P.

Ancient "weathering crusts" and their geological significance.
(In: Akademiia nauk SSSR. Voprosy petrografii i mineralogii. Mo-
skva, 1953. Vol. 1, p.226-234) (MLRA 7:4)
(Geology)

LITVINOV, N.N. (Velikiye Luki); ANTONOV, P.K. (Ul'yankovskaya Oblast');
CHERNOV, V.M. (Magnitogorsk); PELINOV, V.P. (Leningrad)

Terminology and concepts of elementary algebra. Mat. v shkole no.
5:59-65 S-C 103. (MIRA 16:11)

AFANAS'YEV, G.D.; BELIKOV, B.P.; VOROB'YEV, O.A.; ZALESKIY, B.V.; LAPIN, V.V.;
PETROV, V.P.; TSVETKOV, A.I.; SHCHERBAKOV, D.I.

Dmitrii Stepanovich Beliankin [obituary]. Izv. AN SSSR. Ser. geol. no. 4:5-12
Jl-Ag '53. (MLHA 6:8)

(Beliankin, Dmitrii Stepanovich, 1876-1953)

PETROV, V.P.

"Geology of Azerbaijan; petrology." Reviewed by V.P. Petrov.
Izv. AN SSSR Ser. geol. no. 1:130-132 Ja-P '54. (MLRA 7:3)
(Azerbaijan--Petrology) (Petrology--Azerbaijan)

Petrov, V. P.

USSR/ Geology - Book review

Card 1/1 Pub. 46 - 14/19

Authors : Petrov, V. P.

Title : On the specific characteristics of argillaceous minerals and clay as rocks

Periodical : Izv. AN SSSR. Ser. geol. 5, 150 -158, Sep - Oct 1954

Abstract : In reviewing the book, "Rock from Clay Deposits," by P. P. Avdusin, published in 1953, the author finds the book to be of general value for specialists but points out shortcomings which he elucidates under the headings, "The Dispersion of Clays," "Mineral Composition of Argillaceous Rocks," and "Methodical Notation." Nine Soviet references (1939 - 1953). Tables.

Institution:

Submitted: November 25 1953

LEVINSON-LESSING, Frants Yul'yevich, 1861-1939, akademik; AFANAS'YEV,
G.D., redaktor; BKL'SHTEHLI, M.K., redaktor; VOROB'YEVA, O.A.,
redaktor; PETROV, V.P., redaktor; ZELENIKOVA, Ye.B., tekhnicheskii
redaktor. ~~-----~~

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol.4, 1955. 446 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR, (for Afanas'yev)
(Petrology)

PETROV, V. P.

The "Pedorov method" and its place in the general system of optical research of crystalline matter. Izv. AN SSSR. Ser. geol. 20 no. 5: 134-137 S-O '55.

(Petrology)

(MLRA 8:12)

PETROV, V.P.

~~Nov forms of nonmetallic minerals.~~ Razved.i okh.nedr 21 no.3:
1-10 My-Je '55. (MLRA 9:12)

(Mineralogy)

PETROV, V.P.

Recent views on neo-intrusions in the Caucasus and the relation of
optical properties of minerals to their location. Trudy Inst.geol.
nauk no.165:7-30 '55. (MLRA 9:4)

(Caucasus--Rocks, Crystalline and metamorphic)

MARFUNIN, A.S. [translator]; PETROV, V.P., redaktor; YAROVENKO, M.Ye., redaktor; DUMBRE, I.Ya., tekhnicheskiy redaktor.

[Feldspars; second collection of articles. Translated from the English by A.S.Marfunin] Polevye shpaty; 2-i sbornik statei. Perevod s angliiskogo A.S.Marfunina. Pod red. V.P.Petrova. Predisl.V.P.Petrova i A.S.Marfunina. Moskva, Izd-vo inostrannoi lit-ry. Vol.2. 1956. 366 p. (MIRA 9:6)
(Feldspar)

Translation from: Referativnyy zhurnal, Geologiya, 1957, No 2, p 105 (USSR) 15-00000-11265

AUTHOR: Petrov, V. P.

TITLE: Mineralogy and Petrography of Non-metallic Raw Materials of the Fire-clay and Ceramic Industry (Mineralogiya i petrografiya nerudnogo syr'ya ogneupornoy i keramicheskoy promyshlennosti)

PERIODICAL: V sb: Fiz.-khim. osnovy keramiki. Moscow, Promstroyizdat, 1956, pp 3-30

ABSTRACT: Among the most important forms of ceramic raw materials are, primarily, the various clay minerals, and, secondly, feldspar and the fire-resistant raw materials--quartzite and the high alumina minerals (bauxite, kyanite, andalusite, sillimanite); and also such minerals as talc, wollastonite, and pyrophyllite. The various feldspar rocks in weathering give various

Card 1/4

Mineralogy and Petrography (Cont.)

15-00000-1245

kinds of kaolin; especially desirable are the kaolins produced in the weathering of granites. In weathering of serpentinites, garnites, and pyroxinites, ferrous montmorillonite clays are formed, while in weathering of alkaline aluminous rock, original montmorillonite (bentonite and floridine) clays are sometimes obtained (but they are rare). Typical montmorillonite clays are formed as a result of sub-aqueous weathering of alkaline volcanic ash. Of the secondary clays, first place in importance, in the fireclay and ceramics industry, should be assigned to weathering products of the continental crust. One of the most important types of redeposited clays is the monothermite clays. In the Soviet Union, deposits of original kaolins are known in the Ukraine, the Urals, Western Siberia and in other areas. The clays were formed at different geological epochs: in the Jurassic period (the deposits of Northern Caucasus, Kazakhstan, Siberia), in the Cretaceous period (the Urals, European Russia), and the Tertiary period (the Ukraine, the Far East). Montmorillonite clays are known in the Crimea, the Turkmenkaya SSR, the Caucasus, Card 2/3

Mineralogy and Petrography, 3 pt.

10-10-1-1111

and the trans-Caucasian region. Feldspar is obtained from the pegmatite veins of the Karelo-Finnish SSR, the Kola Peninsula, the Urals and the Ukraine. As substitutes for the permatites, apatites or alaskites may be used. In ceramics and glass manufacture, nepheline aenites are used extensively. In glass manufacture, in addition to sand, quartzites, which abound in the north of the Soviet Union, the Urals, Siberia, and the Ukraine, may be used. The territory of the Soviet Union is rich in carbonate materials. Both hard limestones and chalk exist here. Deposits of dolomite are plentiful. Finally, in a number of places (the Urals, the Yenesei Ridge, Hsingan, and others), deposits of pure magnesite are found. Among manufactured ceramic products, talc is used extensively as a filler for insecticides. Talc, obtained from dolomites is usually of considerable purity (low-iron). Deposits of talc are known in the Urals (the environs of Miassa, Snabrovskoye), Irkutskaya Oblast (Onotskoye), Altai ("Svyetlyi kluch"). A new ceramic raw material is wollastonite (obtained in the vicinity of Willisboro, USA), but it

Card 3/4

WILLIAMS, Howel; TURNER, F.J.; GILBERT, Ch.M.; VARENTSOV, I.M. [translator];
SLOBODKIN, N.I. [translator]; PETROV, V.P., red.

[Petrography; an introduction to the study of rocks in thin
sections] Petrografiia; vvedenie v izuchenie kornykh porod v
shlifakh. Moskva, Izd-vo inostr.lit-ry, 1957. 425 p.

Translated from the English.

(Petrology)

(MIRA 13:6)

12 11 12
AUTHOR: None Given

5-6-10/42

TITLE: Chronicle of the Activity of the Petrography Section (Khronika deyatel'nosti petrograficheskoy sekti)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiiy, 1957, # 6, pp 118-122 (USSR)

ABSTRACT: The following reports were delivered in the Petrographic Section from 4 April to 7 June 1957:
M.A. Petrova on "Localization of Polymetal Mineralization and Hydrothermal Activity in Deposits of the Zmeinogorsk Ore Field"; Ye.Ye. Miller on "Volcanism of Upper-Proterozoic Time in the Northern Part of Central Kazakhstan and Chingiz"; V.P. Petrov on "Prospect of Petrography Development"; Yu.M. Sheynmann on "Some Regularities in Development of Trappean Formations of Plateaus"; Yu.V. Yunakovskaya on the "Application of Geophysics for Solving Some Problems of Intrusive and Effusive Rock Geology"; R.M. Yashina on "New Alkaline Province in the Southern Part of Tuva"; V.N. Shilov on "Cenozoic Volcanism of the Southern Sakhalin"; S.M. Kravchenko on "New Data on the Petrography of Intrusive Massifs in the Southern Part of the Central Crimea"; S.A. Yushko on the "Mineralogy of Lead-Zinc Mineralization of the Karatau Range"; S.K. Onikiyenko on "Some Peculiarities of Acid Devonian Effusives of the Zmeino-

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gorsk Region in the Rudnyy Altai"; Ye.B. Yakovleva on "Principal Features of Volcanism in the Rudnyy Altai"; L.S. Tarasov on the "Change in Lead Isotopic Composition with Time"; D.I. Gorzhevskiy on "Tectonic Conditions of Effusive Origination in the Rudnyy Altai"; M.S. Bezsmertnaya on "Some Peculiarities in the Origination of Altai Polymetal Ores"; S.A. Gorzhevskaya on "Element—Impurities in Polymetal Deposits of the Rudnyy Altai"; V.N. Gavrilova on "Manifestation of the Monastyrskiy Intrusive Complex in the Altai"; G.F. Shipulin on "History of Intrusive Rocks of the Zyryanovsk Ore Region"; V.I. Chernov on the "History of Paleozoic Magmatism in the Rudnyy Altai", and V.Ye. Gendler on "Ust'-Belevskiy Massif in the North-Western Part of the Rudnyy Altai".

AVAILABLE: Library of Congress

Card 2/2

PETROV, V.P.; FIN'KO, V.I.

Mullite and cordierite in sandstone xenoliths in basalts of the
Zeya-Bureya Plain. Trudy IGM no.17:11-22 '57. (MIRA 11:6)
(Zeya-Bureya Plain--Mineralogy)

PETROV, V.P.; SOKOLOVA, L.A.

Aspagash chrysotile-asbestos deposit. Trudy IGEM no.17:85-106 '57.
(Minusinsk Basin--Chrysotile) (MIRA 11:6)

PETROV, V.P.

Ivan Aleksandrovich Preobrazhenskii; obituary. Izv. AN SSSR. Ser.
geol. 22 no.3:94-95 Mr '57. (MLBA 10:5)
(Preobrazhenskii, Ivan Aleksandrovich, 1878-1956)

AFANAS'YEV, Georgiy Dmitriyevich; ~~PETROV, V.P.~~ otv. red.; SHBOLOV, S.P.,
red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Geology of magmatic complexes in the Northern Caucasus and principal
characteristics of mineralization connected with them] Geologiya
magmaticheskikh kompleksov Severnogo Kavkaza i osnovnye cherty svia-
zannoi s nimi mineralizatsii. Moskva, Izd-vo Akad. nauk SSSR, 1958.
135 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii,
petrografii, mineralogii i geokhimii. Trudy, no.20). (MIRA 11:5)
(Caucasus, Northern--Rocks, Igneous)

BELYANKINA, Ye.D.; GUR'YEVA, E.Ya.; IGNATOVA, M.D.; PETROV, V.P.;
TOLSTIKHINA, K.I.; APANAS'YEV, G.D., glavnyy red.; ZALESSEKIY, B.V.,
kand.geol.-min.nauk, otv.red.; MAKUNI, Ye.V., tekhn.red.

[Genesis and types of commercial muscovite] Genesis i tipizatsii
promyshlennogo muskovita. Moskva, Izd-vo Akad.nauk SSSR, 1958.
152p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozh-
denii, petrografii, mineralogii i geokhimi. Trudy no.12)

(MIRA 11:12)

(Muscovite)

TEODOROVICH, Georgiy Ivanovich; PETROV, V.P., prof., otv.red.; POPOVA,
T.S., red.izd-va; KUZMIN, I.F., tekhn.red.

[Authigenic minerals in sedimentary rocks] Antigennye mineraly
osadochnykh porod. Moskva, Izd-vo Akad.nauk SSSR, 1958. 224 p.
(MIRA 12:2)

(Rocks, Sedimentary) (Mineralogy)

PETROV, V. P.

"Character of Mineral Formation During Processes of Old Weathering of Different Rocks,"

paper distributed at the International Clay Mineralogy Congress in Brussels, Belgium,
1 - 5 Jul 58.

Comment: B-3,116,859.

PETROV, V. P.

"The necessity of introducing new research methods into practical petrographic work"

report presented at the Second All-Union Conf. on Petrography, Tashkent, 1-4 May 1955 (Geokhimiya, 1955, pp007)

AFANAS'YEV, G.D.; BELIMOV, B.P.; ZALESSKIY, B.V.; KUPLETSKIY, B.M.;
LAPIN, V.V.; PETROV, V.P.; USTIYEV, Ye.K.

On the tenth anniversary of D.S. Beliankin. Izv. AN SSSR.
Ser. geol. 28 no.10:103 0 '63. (MIRA 16:11)

Petrov, I.P.

44-58-3-16/10

AUTHORS: Kolesnikov, A.G., Panteleyev, N.A., Pyrkis, Y.A., Petrov, V.P., and Ivanov, V.N.

TITLE: Apparatus and Methods of Measuring Micro-Pulsations of Temperature and Flow-Rate in the Sea (Apparatura i metody registratsii turbulentnykh mikropul'satsiy temperatury i skorosti techeniya v more)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1958, Nr 3, pp 405-413 (USSR)

ABSTRACT: The instruments usually employed in measuring temperature, etc., in the sea have so long a period that they only measure averages. For the study of turbulent processes (e.g., turbulent heat flow, viscosity, etc.) it is necessary to have instruments with a short enough period. Temperature measurement is usually carried out either with a thermocouple or a resistance thermometer. The former measures the difference between the actual and the average temperature, whilst the latter measures also the actual temperature. The authors describe experiments of Urlick and Searfo (1948), Liebermann (1951), Kontoboytseva (1958) and Englin (1958) on temperature measurements, and ones by Bowden and Polubarin (1952, 1956) and Obukhov (1951) on rate-of-flow measurements. The authors then discuss the basis of a new apparatus. The

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Apparatus and Methods of Measuring Micro-Pulsations of Temperature and Flow-Rate in the Sea.

time constant must be less than 0.1 sec for the whole apparatus. The accuracy of measurement of temperature in a sea where the surface is ice-free must be $\sim 0.001-0.005^{\circ}\text{C}$; if ice is present the required accuracy goes up to 0.001°C . The accuracy of velocity measurements must be not less than 2-5 mm/sec for an ice-free sea and not less than 0.1 mm/sec for a sea shielded from wind effects by ice. To obtain correct recordings with the required accuracy, the whole apparatus must be stationary. The authors now describe their actual apparatus. The meter consists of measuring devices at two different levels, a distributing and balancing network, an amplifier and an oscillograph. The measuring device at the upper level has three constituents: for measuring true velocity, true temperature, and the modulus of the velocity vector and the vertical component of the velocity vector. At the lower level, true velocity and true temperature are measured. Hence the meter records simultaneously: average temperature, the gradient of the average temperature; temperature pulsations average velocity and the

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gradient of the average velocity, pulsations of the modulus of the velocity vector and pulsations of its vertical component. Velocity signals go straight to the oscillograph; whilst temperature signals go to the oscillograph via a Wheatstone bridge and an amplifier. Power is supplied by the constant current from an accumulator. Temperature measurements were carried out with a thermistor with a temperature coefficient of resistance of 3-4% and a period of 0.08 sec. This was placed in one arm of the Wheatstone bridge. The power supplied to the thermistor was so chosen that the desired accuracy of 0.001°C could be obtained. Small deviations from the average velocity give diminished thermistor readings if the electric current is diminished as the average velocity increased. The device for measuring the average flow velocity consists of a 0.1 mm diameter, 10 cm long platinum wire, which is included in a bridge system. The wire is stretched perpendicular to the stream flow. Measurements are made at a constant current of 1-5 mA depending on the velocity. The device for measuring the modulus of the velocity vector and of the vertical component consists of two platinum wires in the bridge system. They are placed at the

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angles to each other; their bisector is in the direction of the current and lies in the vertical plane. Vertical components of flow are measured by the resultant asymmetry of the system with respect to the flow. The meter altogether consists of two parts, both of which are attached to different parts of a steel cable at a vertical distance apart of from 0.5 to 2.0 m. The basic part (which can rotate freely round a vertical axis) is at the top. A vane keeps the apparatus oriented into the current. The measuring elements are placed at the front to reduce the effect of disturbance. All but 5-6 mm of the thermistor are enclosed in an ebonite casing from which leads run back through a tube to the centre of the apparatus. A lead counterweight is employed to keep the meter horizontal. The measuring elements are protected from mechanical damage by a wire grid. The temperature measurer was graduated in the interval 5.0-30.0°C with a Beckmann thermometer for different currents in the thermistor. The velocity measurer was graduated in the range 0-50 cm/sec.

Card 4/5

4-1-1-1-1-1-1

Apparatus and Methods of Measuring Micro-Pulsations of Temperature and Flow-Rate in the Sea.

The instrument is let down from a winch. After it has been kept at the right depth for 3-5 minutes the oscillograph is switched on and measurements are made. The authors give examples of oscillograms obtained and their interpretation. They assert that the meter seems well adapted for measurements on turbulence. There are 11 figures and 7 references, of which 5 are English and 2 Russian.

ASSOCIATION: Moscow State University imeni M.V. Lomonosov (gosudarstvennyy universitet im. M.V.Lomonosova)

SUBMITTED: March 14, 1957.

AVAILABLE: Library of Congress.

Card 5/5

AUTHOR: Petrov, V.P. NY-11-58-1-10-14

TITLE: "The Petrography of Magmatic Rocks" by Bohuslav Hejtman
("Petrografiya magmaticeskikh porod" Boguslav Hejtmana)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1957,
Nr 9, pp 96-99 (USSR)

ABSTRACT: This article reviews two books written in Czech by Bohuslav Hejtman and published by the Czechoslovakian Academy of Sciences under the following titles: 1) General Petrography of Magmatic Rocks (Všeobecná petrografie vyvřelých hornin, 1956, and 2) Systematic Petrography of Magmatic Rocks, 1957 (Systematická petrografie vyvřelých hornin, 1957). There are 3 diagrams and 1 table.

1 Geology--USSR

Card 1/1

PETROV, V.P.; ANDREYEV, Yu.K.

Mineralogy of asbestos and the U.S.S.R. amphibole-asbestos in the
general classification. Trudy IGBM no.31:5-18 '59.
(Asbestos) (MIRA 12:7)

BORZUNOV, V.M.; PETROV, V.P., nauchnyy red.; YERSHOV, A.D., glavnyy red.;
CHERNOSVITOV, Yu.L., zam.glavnogo red.; SHMANENKOV, I.V., zam.
glavnogo red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV,
N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV,
D.V., red.; KHRUSHCHOV, N.A., red.; STOLYAROV, A.G., red.izd-va;
IVANOVA, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials;
handbook for geologists] Trebovaniia promyshlennosti k kachestvu
mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр.
No.12. [Feldspars] Polevoshpatovoe syr'e. Nauchn.red. V.P.Petrov.
1960. 25 p. (MIRA 13:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mine-
ral'nogo syr'ya.

(Feldspar)

SNOLIN, Petr Petrovich; PETROV, V.P., doktor geol.-mineral.nauk, otv.red;
SHTYNNMAN, V.S., red.izd-va; DOROKHINA, I.N., tekhn.red.

[Contact processes in Aldan Post-Jurassic intrusions] Kontaktnye
protssesy poslejuraskikh intruzii Akdana. Moskva, Izd-vo. Akad.
nauk.SSSR, 1960. 122 p. (Akademiia nauk SSSR. Institut geologii
rudnykh mestorozhdenii, petrografii, mineralologii i geokhimii.
Trudy, no.38). (MIRA 13:9)
(Aldan Plateau--Metamorphism (Geology))

FIN'KO, Vladimir Ivanovich; PETROV, V.P., otv.red.; KOLONTAROV, A.P.,
red.izd.-va; GUSEVA, A.P., tekhn.red.

[Geology, petrology, and genesis of fire clays in the Zeya-
Bureya Plain] Geologo-petrograficheskaya kharakteristika i genezis
ogneupornyykh glin Zaisko-Bureinskoi depressii. Moskva, Izd-vo
Akad.nauk SSSR, 1960. 130 p. (Akademiya nauk SSSR. Institut
geologii rudnykh mestorozhdenii, petrografii, mineralogii i
geokhimii. Trudy, no.26).

(MIRA 13:9)

(Zeya-Bureya Plain--Fire clay)

BORZUNOV, V.M.; PETROV, V.P., nauchnyy red.; STOLYAROV, A.G., red. izd-
va; IVANOVA, A.G., tekhn. red.

[Industry's requirements as to the quality of mineral raw
materials] Trebovaniia promyshlennosti k kachestvu mineral'-
nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po geol. i okhrane nedr. No.12.[Feldspar
materials] Polevoshepatovoe syr'e. Nauchn. red. V.P.Petrov. Izd.2.,
perer. 1960. 25 p. (MIRA 14:8)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'-
nogo syr'ia.

(Feldspar)

PETROV, V.P.

A brief Russian-Chinese geological dictionary. Min.sbor.
no.14:436-444 '60. (MIRA 15:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimii AN SSSR, Moskva.
(Russian language--Dictionaries--Chinese)
(Geology- Dictionaries)

PETROV, V.P.; ZAMURUYEVA, M.G.

Vitreous pillow lavas of the Levaya Lofa Valley in the Far East.
Izv. AN SSSR. Ser. geol. 25 no.11:69-75 H '69. (MIRA 13:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii
i geokhimii AN SSSR, Moskva.
(Lofa Valley--Lava)

LITSAREV, Mikhail Alekseyevich; PETROV, V.P., otv.red.; SHLEPOV, V.K.,
red.izd-va; DOROKHINA, I.N., tekhn.red.

[Genesis of Aldan phlogopite deposits] Genezis flogopitovykh
mestorozhdenii Aldana. Moskva, Izd-vo Akad.nauk SSSR. 1961. 166 p.
(Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii,
petrografii, mineralogii i geokhimi. Trudy, no.67). (MIRA 14:8)
(Aldan Plateau--Phlogopite)

PETROV, V.P.

Petrographic characteristics of ignimbrites and tuff lavas and their place among rocks occupying an intermediate position between lavas and tuffs. Trudy Lab. vulk. no.20:24-38 '61.

(MIRA 14:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimii AN SSSR.

(Volcanic ash, tuff, etc.)

BOGUSLAVSKIY, M. G.; PETROV, V. P.

Automatic ultrasonic device for measuring the concentration
of the groundwood. Trudy VNIIB no.47:132-150 '61.

(MIRA 16:1)

(Paper) (Ultrasonic waves—Industrial applications)

PETROV, V.P.; NASEDKIN, V.V

Perlite and other acid natural volcanic glasses and rocks and
industrial raw materials. Trudy IGEM no.48:5-16 6l. (MIRA 15:1)
(Volcanic glass)
(Perlite (Mineral))

MANUYLOVA, N.S.; NASEDKIN, V.V.; PETROV, V.P.; POLINKOVSKAYA, A.I.

Petrography and practical importance of perlites from the Mukhor-Tala deposit (Buryat A.S.S.R.). Trudy IGEM no.48:17-26 '61.

(MIRA 15:1)

(Mukhor-Tala region--Perlite (Mineral))

KULESHOV, G.F.; MELYANKINA, Ye.D ; PETROV, V.P.

Slyudyanogorsk muscovite deposit. Trudy IGEI no.48:27-39
'61. (MIRA 15:1)

(Chelyabinsk Province --Muscovite)

TOKMAKOV, P P ; ZAMURUYEVA, M G ; PETROV, V.P

Nature of gumbelite Trudy IGEM no 48:80-93 61 (MIRA 15:1)
(Shur. ga region -Gumbelite)

MAGIDOVICH, V.I.; PETROV, V.P.

Strzeblow ceramic feldspar and weathering processes in Lower
Silesia. Trudy IGEM no.48:126-133 '61. (MIRA 15:1)
(Breslau region--Feldspar)

PETROV, V.P.

Talc as a mineral. Trudy IGEM no.63:3-16 '61.
(Talc)

(MIRA 14:9)

LEYZERZON, Mikhail Semenovich; PETROV, V.P., red.; BORUNOV, N.I.,
tekhn. red.

[Synthetic mica] Sinteticheskaya sliuda. Moskva, Gosenergo-
izdat, 1962. 191 p. (Polimery v elektroizolatsionnoi tekhnike, no.2) (MIRA 15:9)

(Mica) (Synthetic products)

FIN'KO, V.I. [translator]; PETROV, V.P., red.; YAKOVENKO, M., red.;
KHOMYAKOV, A.D., tekhn. red.

[Problems in the mineralogy of clays] Voprosy mineralogii glin;
sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 463 p.
Translated from the English. (MIRA 15:9)
(Clay—Analysis)

PETROV, V.P., red.; SOLOMATINA, Z.D., red. izd-va; SHMAKOVA, T.M.,
tekhn. red.

[Perlite and vermiculite; geology, prospecting methods, and
technology] Perlit i vermikulit; geologiya, metodika razved-
ki i tekhnologiya. Moskva, Gosgeoltekhizdat, 1962. 122 p.
(MIRA 15:10)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany
nedr.

(Perlite (Mineral)) (Vermiculite)

PETROV, V.P.

Mineral composition and genesis of bauxite and other products of
lateritic weathering. Geol.rud.mestorozh. no.4:65-76 J1-Ag '62.
(MIRA 15:8)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimii AN SSSR.
(Bauxite) (Weathering)

NASEDKIN, V.V.; PETROV, V.P.

Experimental production of perlite structure in volcanic
glass. Dokl. AN SSSR 146 no.2:440-442 S '62. (MIRA 15:9)

1. Predstavleno akademikom D.S. Korzhinskim.
(Perlite (Mineral))

ZUBKOV, Vasil'y Vasil'yevich; PETHOV, V.P., otv. red.; KACHALKINA,
Z.I., red. izd-va; OVSEYENKO, V.G., tekhn. red.; SHKLYAR,
S.Ya., tekhn. red.

[Brief course in general petrography] Kratkii kurs obshchei
petrografii. 3 izd., perer. i dop. Moskva, Gosgortekhnizdat,
1962. 237 p. (MIRA 15:10)

(Petrology)

PETROV, P

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Baku, 18-23 Sept 1962
 Regularities in the Formation and Distribution of Endogenous
 Mineral Resource Deposits,
 The Third All-Union Conference on... S/O11/63/000/001/002/002
 A006/A101

Group 2 included reports on--
 endogenous deposits in other synclinal regions, such as mercury formations in
 Siberia and the Far East (Ye. A. Kuznetsov), pyrite deposits in the Ural (S. N.
 Ivanov), Kimeridgian and Alpine metallogeny in Uzbekistan (I. Kh. Khamrabayev);
 ore region types in the Pacific area (Ye. A. Radkevich); metallogeny in Tadzhik-
 istan (K. I. Litvinenko); hydrothermally transformed rocks in the Trans-Carpa-
 thian region (M. Yu. Pishkin) peculiarities in magmatism and metallogeny of the
 Mountainous Crimea (V. I. Lebedinskiy), antimony-mercury fields (M. A. Karasik)
 and others. Group 3 included reports on the classification of metallogenous zones
 and provinces of the Earth crust (D. I. Gorzhevskiy); classification of metallo-
 genous zone types of the Earth crust (V. N. Kozarenko); classification of mag-
 matogenous non-metallic mineral resources as a basis of prognoses and prospecting
 (V. P. Petrov); types of metallogenous provinces in synclinal regions of the
 USSR (A. I. Semenov); principles of geological zoning on the example of Central
 Asia (K. L. Babayev); comparative characteristics of metallogeny in Malay Caucasus
 and the Kamchatka-Koryak zone (I. G. Magak'yan), some particularities of metallo-
 geny in the Mediterranean geosynclinal region (O. A. Tvalohrelidze); rootless
 plutons and some peculiarities in the magmatism of moving zones (A. P. Lebedev);
 paragenetic ore complexes (P. S. Saakyan) the part of deep-lying breaks in
 metallogeny of syncline regions on the example of the Caucasus (E. Sh. Shikhal-
 beyli). The closing report was read by A. V. Sidorenko, Minister of Geology and
 Preservation of Mineral Resources of the USSR.

Isvestiya Ak nauk SSSR, Seriya Geologicheskaya, No. 1, 1963, pp 126-128

PETROV, V.P.

Basic general characteristics of the formation and distribution of the most important magnesium-silicate deposits. Zakonom. razm. polezn. iskop. 6:10-31 '62. (MIRA 16:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimii AN SSSR.
(Magnesium silicates)

NASEDKIN, Vasilii Viktorovich; PETROV, V.P., doktor geol.-mineral.nauk, otv.red.;
SHLEPOV, V.K., red.izd-va; VOLKOVA, V.V., tekhn.red.

[Water content in volcanic acid glasses, their genesis and changes;
studies in the field of nonmetallic minerals] Vodosoderzhashchie
vulkanicheskie stekla kfslogo sostava, ikh genezis i izmeneniia;
issledovaniia v oblasti nenetallicheskikh poleznykh iskopaemykh.
Moskva, Izd-vo Akad. nauk SSSR. Vol.1. 1963. 195 p. (Akademiia
nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii
mineralogii i geokhimii. Trudy, no.98). (MIRA 16:5)

1. Institut geologii rudnykh mestorozhdeniy, mineralogii, petrografii
i geokhimii AN SSSR (for Petrov).
(Rocks, Igneous)

PETROV, V.P.; POVARENNYKH, A.S.

Textbooks on mineralogy by E.K.Lazarenko. Izv.AN SSSR.Ser.
geol. 28 no.1:109-113 Ja '63. (MIRA 16:2)
(Mineralogy—Study and teaching)
(Lazarenko, E.K.)

PETROV, V.F., red.; FIN'KO, V.I. [translator]; CHEKIN, S.S.
[translator; ROMANOVICH, G.F., red.

[Problems in the geology and mineralogy of bauxites.
Translated from the English and French] Voprosy geologii
i mineralogii boksitov. Moskva, Mir, 1964. 481 p.
(MIRA 1964)

VAYNSHTEYN, Ye.I., inzh.; PETROV, V.P., inzh.

Hardening of welded joints made in 14G and 5Kh2Ni low alloy
steels. Svar. proizv. n. 9:11-15 2g 1/2. (1977) 1-48

1. Chelyabinskii politekhnicheskii universitet im. V.I. Vernadskogo.
2. Chelyabinskii zavod metallicheskikh konstruktsiy im. G. I. Zhukova.

NAME, V.K.; BIRTH, V.I.; BIRTH, V.I.; BIRTH, V.I.; BIRTH, V.I.

1. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I.
BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I.

1. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I.
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BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I. BIRTH, V.I.

DIMAKSYAN, A.M.; LESHCHUK, I.A.; PETROV, V.P.; PCGORELYY, V.I.

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no.115:3-13 '64. (MIRA 18:9)

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ACCESSION NR: AP5021983 UR/0286/65/000/014/0058/0058
621.318.57 20
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AUTHOR: Petrov, V. P.; Yeremeyev, M. P.

TITLE: A contactless relay. Class 21, No. 172921

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 58

TOPIC TAGS: electric relay, semiconductor diode, silicon controlled rectifier

ABSTRACT: This Author's Certificate introduces a contactless relay designed for operation in dc circuits. The device is based on a semiconductor controlled diode connected in series with the load. Power requirements are reduced by connecting two storage capacitors and a switching diode in parallel with the load. The positive end of the diode is connected to the plate of one of the capacitors, while the negative end of the diode is connected through a transformer to the opposite plate of the other capacitor.

ASSOCIATION: none

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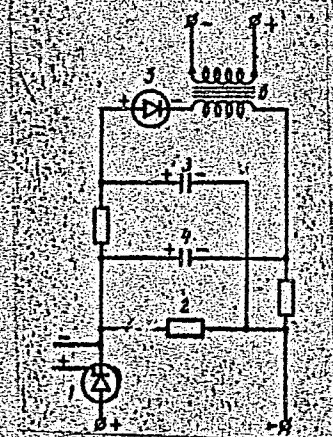


Fig. 1. 1--controlled diode;
2--load; 3 and 4--storage capacitors;
5--switching diode;
6--transformer

Card 2/2

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mineralogii i geokhimii AN SSSR, Moskva.

1ST AND 2ND ORDERS																										PROCESSES AND PROPERTIES INDEX																										3RD AND 4TH ORDERS																									
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PETROV, V. P.
Ca

Intravenous injection of hydrogen peroxide in horses, dogs and rabbits. V. P. Petrov, *Farmakol. i Toksikol.* 3, No. 3, 61-6 (1940) — Toxic doses of intravenously injected H_2O_2 , per kg. of body wt., are: horses, 1-1.5 cc. of 2-3% soln.; dogs, 1-2 cc. of 3% soln.; rabbits, up to 2 cc. of 0.4-0.5% soln. Therapeutic doses: horses 2-5 cc. of 0.5% soln.; dogs, 1-2 cc. of 0.5, 1 or 2% soln.; rabbits up to 2 cc. of 0.2-0.25% soln. The injection technique is simple and might well replace the cumbersome intravenous injection of O₂. Julian F. Smith

ASB 51A METALLURGICAL LITERATURE CLASSIFICATION

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